Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 28 Mar 2023 until 23:59 on Wednesday 29 Mar 2023

Forecast Issued on Tuesday 28 Mar 2023 at 03:40

Confidence: High confidence for a return to milder conditions and wet and windy weather from the southwest. Low confidence in weather forecast towards the weekend especially wind direction and rain amounts. Also low confidence in amount of showers later in the week.

Headline for Tuesday 28 Mar 2023: Rain soon spreading across the area with strong southerly winds, becoming gradually milder during the day.

Mountain weather hazards on Tuesday 28 Mar 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Light rain
Precipitation probability					
30%	70%	70%	60%	60%	60%

Forecast for Tuesday 28 Mar 2023

Weather: Perhaps dry in parts of the east at first, but generally cloudy, with rain soon spreading to all parts from the west. Rain is likely to be heaviest in the west with some drier interludes possible further east, perhaps a few cloud breaks here later too. Although the main band of rain will clear east during by late afternoon it will remain damp and drizzly for most areas into the evening.

Chance of cloud-free hill tops above 600m: 60% falling to 20% or less in the afternoon as cloud lowers in association with the band of rain moving across the area.

Low Cloud and visibility: Patchy or scattered low cloud layers above 500m in the morning, mainly confined to southern and western high ground at first. Cloud will thicken, lower, cloud layers above 300m in the afternoon. It will become extensive during the day with visibility becoming quite poor and navigation will become quite tricky at height. Some brighter spells may be found in the northeast towards Richmond later in the afternoon but even here it will be dull with moderate visibility at best.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Tuesday 28 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/23 S	18/24 S	21/29 S	19/26 S	17/25 SW	15/22 SW	13/20 SW
300	9/20 S	10/21 S	11/24 S	8/20 S	9/21 SW	9/19 SW	8/17 SW
Valley	7/21 S	8/21 S	9/22 S	8/21 S	9/21 SW	7/17 SW	7/16 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-4	2/-4	3/-3	5/-0	6/2	6/2	6/2
300	3/-0	4/0	5/2	6/4	8/5	8/5	8/5
Valley	5/3	6/3	7/4	8/6	8/6	8/6	8/6
Freezing Level*	900m	1000m	1200m	1800m	1700m	1700m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Dull and damp conditions and with fresh to strong winds at height leading to significant windchill. Turning milder as the day goes on but very poor visibility at all levels by the end of the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 28 Mar 2023	0mm	0mm	16mm

Forecast for Wednesday 29 Mar 2023

Weather: Cloudy but mainly dry at first and the possibility of a few brighter spells for a time in the morning, although some mist around the area will be hard to clear. Cloud and rain spreading east from late morning with heavy rain at times through the afternoon. Dry for a time by late afternoon but further heavy showery rain expected during the evening.

Maximum wind: Southerly 15 gust 25 mph increasing during the afternoon to 25 mph gusts 35 mph.

Chance of cloud-free hill tops above 600m: 40%, cloud coming and going from the summits during the day.

Low Cloud and visibility: Patchy or scattered cloud above 400m in the morning becoming broken layers above 3-400m in the afternoon, chance of some brighter conditions and cloud free summits in the morning before the rain arrives however early morning cloud may be slow to clear. Cloud may also clear at times in the afternoon but depends on the timing of showery rain.

Temperature: **Valleys:** Plus 11 Celsius.
At 600m: Plus 8 Celsius.
Freezing level: Above all summits

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